



MEMORANDUM FOR RECORD

Brian C. Rayner
Senior Air Safety Investigator
Eastern Region Aviation

August 5, 2015

Subject: ERA15LA287 Southside, WV
Name: Jeffrey Halliday – FAA Inspector

Mr. Halliday was the FAA Inspector assigned to the accident investigation listed above, and he responded to the accident site, examined the site and the wreckage, and performed detailed examinations of the carburetor and the magnetos at the Pittsburgh Institute of Aeronautics, West Mifflin, Pennsylvania.

Over the course of multiple telephone conversations and email exchanges, Mr. Halliday described the accident site, the damage he observed, and what his component examinations revealed.

Examination of the airplane revealed that both propeller blades of the wood propeller were fractured near the hub and the splinters were broomstrawed and bent opposite the direction of rotation.

There was no odor of fuel, no evidence of fuel, no evidence of fuel staining, and no blighting of the grass beneath the airplane due to fuel spillage.

Damage to each wing, the empennage, engine cowling, and the firewall was noted. The carburetor was separated from the engine due to impact; therefore an engine test run could not be performed at the accident scene.

Examination of the carburetor revealed no pre-impact mechanical anomalies. The magnetos were placed on a test bench and each produced spark at operating rpm, and as low as 70 rpm.